Nuclear Engineering and Design 130 (1991) 495–497
North-Holland

Author Index to Volume 130

Ainsworth, R.A., Defect assessment procedures at high temperatures 130 (1991) 211
Albertini, C., M. Montagnani and M. Micunovic, Viscoplastic behaviour of AISI 316H: multiaxial experimental results and preliminary numerical analysis 130 (1991) 205
Alt, M., see Prior 130 (1991) 51
Assmann, H.-D., see Seibold 130 (1991) 347
Badeau, J.P., see Bocquet 130 (1991) 467
Barr, P., see Fullard 130 (1991) 113
Baum, M.R., see Fullard 130 (1991) 113
Baumann, B. and M.Schulz, Long-time high-temperature strain gauge measurements on pipes and dissilimar welds for residual lifetime evaluation 130 (1991) 383
Becker, D.L., D.M. Burgess and M.R. Lindquist, Drop testing conducted to benchmark the Shippingport reactor pressure vessel package safety analysis 130 (1991) 133
Behrens, U., G. Langer, M. Stock and I. Wirkner-Bott, Deflagration-detonation transition in hydrogen-air-steam mixtures - Relevance of the experimental results for real accident situations 130 (1991) 43
Benitz, K., D. Daum and W. Hartnagel, Investigation of the behaviour of cracks in a dissimilar weld 130 (1991) 373
Blondeau, R., see Bocquet 130 (1991) 467
Blumenauer, H., E. Schick and R. Ortmann, Elastic-plastic fracture-mechanics assessment of a CrMoNi pressure vessel steel 130 (1991) 289
Bocquet, P., R. Blondeau, I. Poitrault, J.P. Badeau and R. Dumont, Improvement in the reliability of shells for light water reactors by manufacture from hollow ingots 130 (1991) 467
Bojarsky, E., H. Deckers, H. Lehning, D.P.H. Reiser and L. Schmidt, THIBO experiments - Thermohydraulically induced fuel pin oscillations in Na-cooled reactors 130 (1991) 21
Bürgel, R., see Trück 130 (1991) 7
Burgess, D.M., see Becker 130 (1991) 133
Caldwell, S.M., see Kalnins 130 (1991) 229
Cella, A., see Maresca 130 (1991) 147
Dahl, W., see Hbo 130 (1991) 267
Dai, Y., see Rödig 130 (1991) 359
Daum, D., see Benitz 130 (1991) 373
De Witte, M., see Jovanovic 130 (1991) 389
Deckers, H., see Bojarsky 130 (1991) 21
Diem, H., L. Malcher, D. Schrammel and H. Steinhilber, Load bearing capacity of an intact and a degraded pipe systemunder repeated simulated earthquake loading 130 (1991) 435
Dierks, R.D., see Kahl 130 (1991) 77
Dumont, R., see Bocquet 130 (1991) 467
Duwe, R. and P. Jansen, Computer tomography of barrels with radioactive contents 130 (1991) 89
Eisele, U. and E. Roos, Evaluation of different fracture-mechanical J-integral initiation values with regard to their usability in the safety assessment of components 130 (1991) 237
Eisele, U., see Roos 130 (1991) 249, 297
Eisele, U., M. Klein, G.E. Neubrech and E. Roos, Thermal shock experiments on the HDR pressure vessel 130 (1991) 309
Ernst, H.A. and E.T. Pollitz, Methods to characterize crack growth under elastic-plastic conditions 130 (1991) 275
Fanous, F. and L. Greimann, Steel containment resistance under dynamic pressure 130 (1991) 163
Fullard, K., M.R. Baum and P. Barr, The assessment of impact on nuclear power plant structures in the United Kingdom 130 (1991) 113
Furukawa, H., see Saito 130 (1991) 179
Greimann, L., see Fanous 130 (1991) 163
Griesbach, T.J. and E. Smith, A review of the ASME low upper shelf toughness evaluation procedures for nuclear reactor pressure vessels 130 (1991) 259
Gruner, P., see Jonczyk 130 (1991) 411
Guichard, D., see Vagner 130 (1991) 323
Hafer, C., see Hbo 130 (1991) 267
Hamid, M. and P.S. Wardle, Analytical and experimental investigation of buckling of fast reactor heat exchanger tubes 130 (1991) 397
Hartnagel, W., see Benitz 130 (1991) 373
Hbo, R., G. Kalla, R. Twickler, C. Hafer and W. Dahl, Evaluation of toughness requirements in cracked components based on fracture-mechanics methods 130 (1991) 267
Hedin, F., see Vagner 130 (1991) 323
Hindenlang, U., see Roos 130 (1991) 297

Holton, L.K., see Kahl 130 (1991) 77
James, N.J. and G.T. Sheppard, Red oil hazards in nuclear fuel reprocessing 130 (1991) 59
Jansen, P., see Duwe 130 (1991) 89
Jonczyk, J. and P. Gruner, Loads of piping systems due to malfunctions of snubbers 130 (1991) 411
Jovanovic, A. and M. De Witte, The hypertext based reference procedure used in an expert system for life assessment of high-temperature components 130 (1991) 389
Kahl, L., R. Kroebel, W. Storch, L.K. Holton and R.D. Dierks, Investigation of the thermal behaviour of high level waste glass in steel canisters during cooling and at equilibrium 130 (1991) 77
Kalla, G., see Hbo 130 (1991) 267
Kalnins, A., D.P. Updike and S.M. Caldwell, Contact pressure in rolled tube-tubesheet joints 130 (1991) 229
Kei, T., see Saito 130 (1991) 179
Kirby, P.N., see Prior 130 (1991) 51
Klanke, H.P. and H. Wüstenberg, Long-term surveillance of turbine shafts by ultrasonics 130 (1991) 333
Klein, M., see Eisele 130 (1991) 309
Kojima, I., An experimental study on local behavior of reinforced concrete slabs to missile impact 130 (1991) 121
Krämer, see Roos 130 (1991) 297
Kreutter, Th., see Müller 130 (1991) 339
Kroebel, R., see Kahl 130 (1991) 77
Krolop, S., see Roos 130 (1991) 297
Kundurpi, P.S. and A.P. Muzumdar, Response of calandria vessel to impulse pressure loading 130 (1991) 171
Kuschel, D. and W. Zeitner, Design procedure for the primary circuit of the konvoi plants 130 (1991) 451
Langer, G., see Behrens 130 (1991) 43
Lehning, H., see Bojarsky 130 (1991) 21
Leicht, R., R. van Hecke and H.J. Wingender, A computer aided reliability and risk assessment system 130 (1991) 27
Lindquist, M.R., see Becker 130 (1991) 133
Lowe, A.L., Jr. P.E., Review of B&W reactor vessel irradiated materials data 130 (1991) 483
Lutz, R.J., Jr., see Prior 130 (1991) 51
Malcher, L., see Diem 130 (1991) 435
Maresca, G., P.P. Milella, G. Pino and A. Cella, Ultimate strength and rupture modes of the metal containment of a BWR NPP in case of severe accident 130 (1991) 147
Micunovic, M., see Albertini 130 (1991) 205
Milella, P.P., see Maresca 130 (1991) 147
Montagnani, M., see Albertini 130 (1991) 205
Müller, W., Th. Kreutter, D. Thumser and V. Schmitz, Ultrasonic turbine shaft inspection using the synthetic aperture focussing technique (SAFT) 130 (1991) 339
Muramatsu, Y., see Saito 130 (1991) 179
Muzumdar, A.P., see Kundurpi 130 (1991) 171
Neubrech, G.E., see Eisele 130 (1991) 309
Ohrt, E. and E. te Heesen, Optimized materials for the future breeder line 130 (1991) 1
Ortmann, R., see Blumenauer 130 (1991) 289
Paulovic, M., see Tunaboylu 130 (1991) 71
Pellissier Tanon, A., see Vagner 130 (1991) 323
Pino, G., see Maresca 130 (1991) 147
Poitrault, I., see Bocquet 130 (1991) 467
Pollitz, E.T., see Ernst 130 (1991) 275
Prior, R.P., P.N. Kirby, R.J. Lutz, Jr. and M. Alt, Severe accident analysis of a 1300 MWe PWR to address the hydrogen issue 130 (1991) 51
Reiser, D.P.H., see Bojarsky 130 (1991) 21
Rödig, M. and Y. Dai, Experiments on the transferability of creep crack growth laws to tubes 130 (1991) 359
Roos, E., see Eisele 130 (1991) 237
Roos, E., H. Silcher and U. Eisele, On "lower bound crack resistance curves" as material law for the safety assessment of components 130 (1991) 249
Roos, E., M. Seidenfuss, Krämer, S. Krolop, U. Eisele and U. Hindenlang, Application and evaluation of different numerical methods for determining crack resistance curves 130 (1991) 297
Roos, E., see Eisele 130 (1991) 309
Rostásy, F.S., K.-Ch. Thienel and K. Schütt, On prediction of relaxation of colddrawn prestressing wire under constant and variable elevated temperature 130 (1991) 221
Saito, H., Y. Muramatsu, H. Furukawa, S. Tsurumaki, N. Tanaka and T. Kei, Experimental study on RCCV of ABWR plant 130 (1991) 179
Scheibe, A., see Seibold 130 (1991) 347
Schick, E., see Blumenauer 130 (1991) 289
Schmidt, L., see Bojarsky 130 (1991) 21
Schmitz, V., see Müller 130 (1991) 339
Schneider, K., see Trück 130 (1991) 7
Schöning, J. and W. Theymann, Sliding connections for separating different pressures and temperatures in the HTR 130 (1991) 477
Schrammel, D., see Diem 130 (1991) 435
Schulz, M., see Baumann 130 (1991) 383
Schütt, K., see Rostásy 130 (1991) 221
Seibold, A., A. Scheibe and H.-D. Assmann, Determination of the usage factor of components after cyclic loading by means of high-resolution microstructural examination 130 (1991) 347
Seidenfuss, M., see Roos 130 (1991) 297

Sheppard, G.T., see James 130 (1991) 59
Sievers, J., Ductile fracture mechanical analyses of large scale thermal shock experiments 130 (1991) 13
Silcher, H., see Roos 130 (1991) 249
Smith, E., see Griesbach 130 (1991) 259
Steinhilber, H., see Diem 130 (1991) 435
Stock, M., see Behrens 130 (1991) 43
Storch, W., see Kahl 130 (1991) 77
Tanaka, N., see Saito 130 (1991) 179
Te Heesen, E., see Ohrt 130 (1991) 1
Theymann, W., see Schöning 130 (1991) 477
Thienel, K.-Ch., see Rostásy 130 (1991) 221
Thumser, D., see Müller 130 (1991) 339
Trück, B., K. Schneider and R. Bürgel, Creep damage behaviour of 12% Cr steel 130 (1991) 7
Tsurumaki, S., see Saito 130 (1991) 179
Tunaboylu, K., M. Paulovic and D. Ulrich, Concept of a tritium extraction facility for a reprocessing plant 130 (1991) 71
Twickler, R., see Hbo 130 (1991) 267
Ulrich, D., see Tunaboylu 130 (1991) 71
Updike, D.P., see Kalnins 130 (1991) 229
Vagner, J., D. Guichard, A. Pellissier Tanon and F. Hedin, Analytical assessment of an inclad defect in a PWR vessel belt line 130 (1991) 323
Van Hecke, R., see Leicht 130 (1991) 27
Wardle, P.S., see Hamid 130 (1991) 397
Wessels, J., Inservice inspection of the reactor block of sodium-cooled fast breeder reactors 130 (1991) 33
Wingender, H.J., see Leicht 130 (1991) 27
Wirkner-Bott, I., see Behrens 130 (1991) 43
Wüstenberg, H., see Klanke 130 (1991) 333
Zeitner, W., see Kuschel 130 (1991) 451
Zeitner, W., An example demonstrating the conservatism of pipe calculations using KTA safety standard 3201.2 130 (1991) 459